GALILEO GREY

Pure Mathematics Student

🌐 personal website   ✉ email
🔗 LinkedIn   ⭘ github

RÉSUMÉ

Third year undergraduate student studying pure mathematics, at the Université Grenoble Alpes (UGA), on exchange to the National University of Singapore (NUS), with experience in both programming and applied mathematics.

COMPETENCES

- abstraction and mathematical rigour
- communicating complex ideas to diverse audiences
- rapid and proactive learning

Programming Languages: Ocaml, C, Elm, Rust, Python, ARM asm.

EDUCATION

2022 - 2025	**Undergraduate**	**Université Grenoble Alpes**

Undergraduate Degree in International Mathematics and Computer Science with third year in Advanced Pure Mathematics.

2019 - 2022	**General Baccalaureate**	**Lycée International Ferney Voltaire**

International Option of the French Baccalaureate, Mention "Very Good", Specialised in Mathematics and Numerical and Information Science, Option Expert Mathematics.

2017 - 2019	**Preperation for the Mathematical Olympiads**	**Ecole Normale Supérieure de Lyon**

Regularly spent weekends participating in French Math Olympics Team Preparation hosted at the Ecole Normale Supérieure de Lyon.

EXPERIENCE

2024	**Finite Algebra Internship**	**Institut Fourier**

- Internship on finite fields and self-correcting Gabidulin codes under the "stages d'excellence" program at the "Institut Fourier", a pure mathematics laboratory in UGA.

2023	**Numerical Analysis Internship**	**Laboratoire Jean Kuntzmann**

- Internship on errors in floating-point approximations and numerical interpolation under the "stages d'excellence" program at the "Laboratoire Jean Kuntzmann", an applied mathematics and computer science lab supported by UGA.

2021	**Summer School**	**Université de Genève**

- Created a dashboard using python for a researcher at the World Health Organization to monitor human-animal interactions, with a team of highschool and university students as part of a summer school on health solutions at University of Geneva.

2017 & 2018	**Autumn Stage**	**Animath**

- Participated both years in Animath one-week Internship for French Math Olympics Team preparation, hosted by the Ecole Normale Supérieure de Lyon in Cachan.

LANGUAGES

English - mother tongue, **French** - C2+, **Mandarin** - C1, **German** - B1.